

Title (en)
SYSTEMS AND METHODS FOR AUGMENTED REALITY

Title (de)
SYSTEME UND VERFAHREN FÜR ERWEITERTE REALITÄT

Title (fr)
SYSTÈMES ET PROCÉDÉS POUR LA RÉALITÉ AUGMENTÉE

Publication
EP 3857291 A4 20211124 (EN)

Application
EP 19864639 A 20190925

Priority
• US 201862736432 P 20180925
• US 2019052992 W 20190925

Abstract (en)
[origin: US2020098191A1] Examples of the disclosure describe systems and methods for sharing perspective views of virtual content. In an example method, a virtual object is presented, via a display, to a first user. A first perspective view of the virtual object is determined, wherein the first perspective view is based on a position of the virtual object and a first position of the first user. The virtual object is presented, via a display, to a second user, wherein the virtual object is presented to the second user according to the first perspective view. An input is received from the first user. A second perspective view of the virtual object is determined, wherein the second perspective view is based on the input from the first user. The virtual object is presented, via a display, to the second user, wherein presenting the virtual object to the second user comprises presenting a transition from the first perspective view to the second perspective view.

IPC 8 full level
G02B 27/01 (2006.01); **G06F 3/01** (2006.01); **G06T 7/70** (2017.01); **G06T 19/00** (2011.01)

CPC (source: CN EP US)
A63F 13/211 (2014.09 - EP); **A63F 13/212** (2014.09 - EP); **A63F 13/213** (2014.09 - EP); **A63F 13/24** (2014.09 - EP); **A63F 13/25** (2014.09 - EP); **A63F 13/428** (2013.01 - EP); **A63F 13/5255** (2014.09 - EP); **A63F 13/92** (2014.09 - EP); **G02B 27/0093** (2013.01 - US); **G02B 27/017** (2013.01 - CN EP US); **G06F 3/011** (2013.01 - EP US); **G06F 3/012** (2013.01 - CN); **G06F 3/017** (2013.01 - EP); **G06F 3/0346** (2013.01 - CN EP); **G06T 19/006** (2013.01 - CN US); **G06V 20/20** (2022.01 - EP); **G06V 20/64** (2022.01 - US); **G02B 2027/014** (2013.01 - EP); **G02B 2027/0187** (2013.01 - EP); **G06F 2203/012** (2013.01 - CN)

Citation (search report)
• [X] US 2016292925 A1 20161006 - MONTGOMERIE SCOTT [US], et al
• [X] WO 2017161276 A1 20170921 - SONY INTERACTIVE ENTERTAINMENT INC [JP], et al
• [X] US 2018174364 A1 20180621 - COPIC JOHN MICHAEL [US], et al
• See also references of WO 2020069006A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
US 11094127 B2 20210817; **US 2020098191 A1 20200326**; CN 113168007 A 20210723; CN 113168007 B 20230915; CN 117572954 A 20240220; EP 3857291 A1 20210804; EP 3857291 A4 20211124; JP 2022168029 A 20221104; JP 2022502800 A 20220111; JP 2024042018 A 20240327; JP 7316360 B2 20230727; JP 7445720 B2 20240307; US 11651565 B2 20230516; US 11928784 B2 20240312; US 2022005282 A1 20220106; US 2023162454 A1 20230525; US 2024177428 A1 20240530; WO 2020069006 A1 20200402

DOCDB simple family (application)
US 201916582880 A 20190925; CN 201980073915 A 20190925; CN 202311134786 A 20190925; EP 19864639 A 20190925; JP 2021540396 A 20190925; JP 2022141180 A 20220906; JP 2024008629 A 20240124; US 2019052992 W 20190925; US 202117374738 A 20210713; US 202318152035 A 20230109; US 202418431729 A 20240202